

SHEET 16
LTPP MONITORED TRAFFIC DATA
SITE CALIBRATION SUMMARY

*STATE ASSIGNED ID []
*STATE CODE [48]
*SHRP SECTION ID [5323]

SITE CALIBRATION INFORMATION

1. * DATE OF CALIBRATION (MONTH/DAY/YEAR) [07/06/1999]
2. * TYPE OF EQUIPMENT CALIBRATED ___ WIM ___ CLASSIFIER ☒ BOTH
3. * REASON FOR CALIBRATION
☒ REGULARLY SCHEDULED SITE VISIT
☐ EQUIPMENT REPLACEMENT
☐ DATA TRIGGERED SYSTEM REVISION
☐ OTHER (SPECIFY) _____
☐ RESEARCH
☐ TRAINING
☐ NEW EQUIPMENT INSTALLATION
4. * SENSORS INSTALLED IN LTPP LANE AT THIS SITE (CHECK ALL THAT APPLY):
KDS 6/3/09
☒ BARE ROUND PIEZO CERAMIC
☒ CHANNELIZED ROUND PIEZO
☐ CHANNELIZED FLAT PIEZO
☒ OTHER (SPECIFY) Piezo
☐ BARE FLAT PIEZO
☐ LOAD CELLS
☐ INDUCTANCE LOOPS
☐ BENDING PLATES
☐ QUARTZ PIEZO
☐ CAPACITANCE PADS
5. EQUIPMENT MANUFACTURER UNKNOWN

WIM SYSTEM CALIBRATION SPECIFICS**

- 6.** CALIBRATION TECHNIQUE USED:
___ TRAFFIC STREAM -- ___ STATIC SCALE (Y/N) ☒ TEST TRUCKS
___ NUMBER OF TRUCKS COMPARED 001 NUMBER OF TEST TRUCKS USED
- | TRUCK | PASSES PER TRUCK | |
|-------|------------------|------------|
| | TYPE | SUSPENSION |
| 1 | ___ | ___ |
| 2 | ___ | ___ |
| 3 | ___ | ___ |
- TYPE PER FHWA 13 BIN SYSTEM
SUSPENSION: 1 - AIR; 2 - LEAF SPRING
3 - OTHER (DESCRIBE)
7. SUMMARY CALIBRATION RESULTS (EXPRESSED AS A PERCENT)
MEAN DIFFERENCE BETWEEN ---
DYNAMIC AND STATIC GVW 9.2 STANDARD DEVIATION 4.0
DYNAMIC AND STATIC SINGLE AXLES 8.0 STANDARD DEVIATION 6.9
DYNAMIC AND STATIC DOUBLE AXLES 11.7 STANDARD DEVIATION 5.0
8. 07 NUMBER OF SPEEDS AT WHICH CALIBRATION WAS PERFORMED
9. DEFINE THE SPEED RANGES USED (MPH) 51 60
10. CALIBRATION FACTOR (AT EXPECTED FREE FLOW SPEED) _____
- 11.** IS AUTO-CALIBRATION USED AT THIS SITE? (Y/N) N
IF YES, LIST AND DEFINE AUTO-CALIBRATION VALUE: _____

CLASSIFIER TEST SPECIFICS***

- 12.*** METHOD FOR COLLECTING INDEPENDENT VOLUME MEASUREMENT BY VEHICLE CLASS:
___ VIDEO ___ MANUAL ___ PARALLEL CLASSIFIERS
13. METHOD TO DETERMINE LENGTH OF COUNT ___ TIME ___ NUMBER OF TRUCKS
14. MEAN DIFFERENCE IN VOLUMES BY VEHICLES CLASSIFICATION:
*** FHWA CLASS 9 _____ FHWA CLASS _____
*** FHWA CLASS 8 _____ FHWA CLASS _____
FHWA CLASS _____
FHWA CLASS _____
*** PERCENT "UNCLASSIFIED" VEHICLES: _____

PERSON LEADING CALIBRATION EFFORT:
CONTACT INFORMATION:

rev. November 9, 1999

ENTERED JUN 03 2009 KS

ENTERED JAN 09 2004 M
W 11:00Z 60 INVT